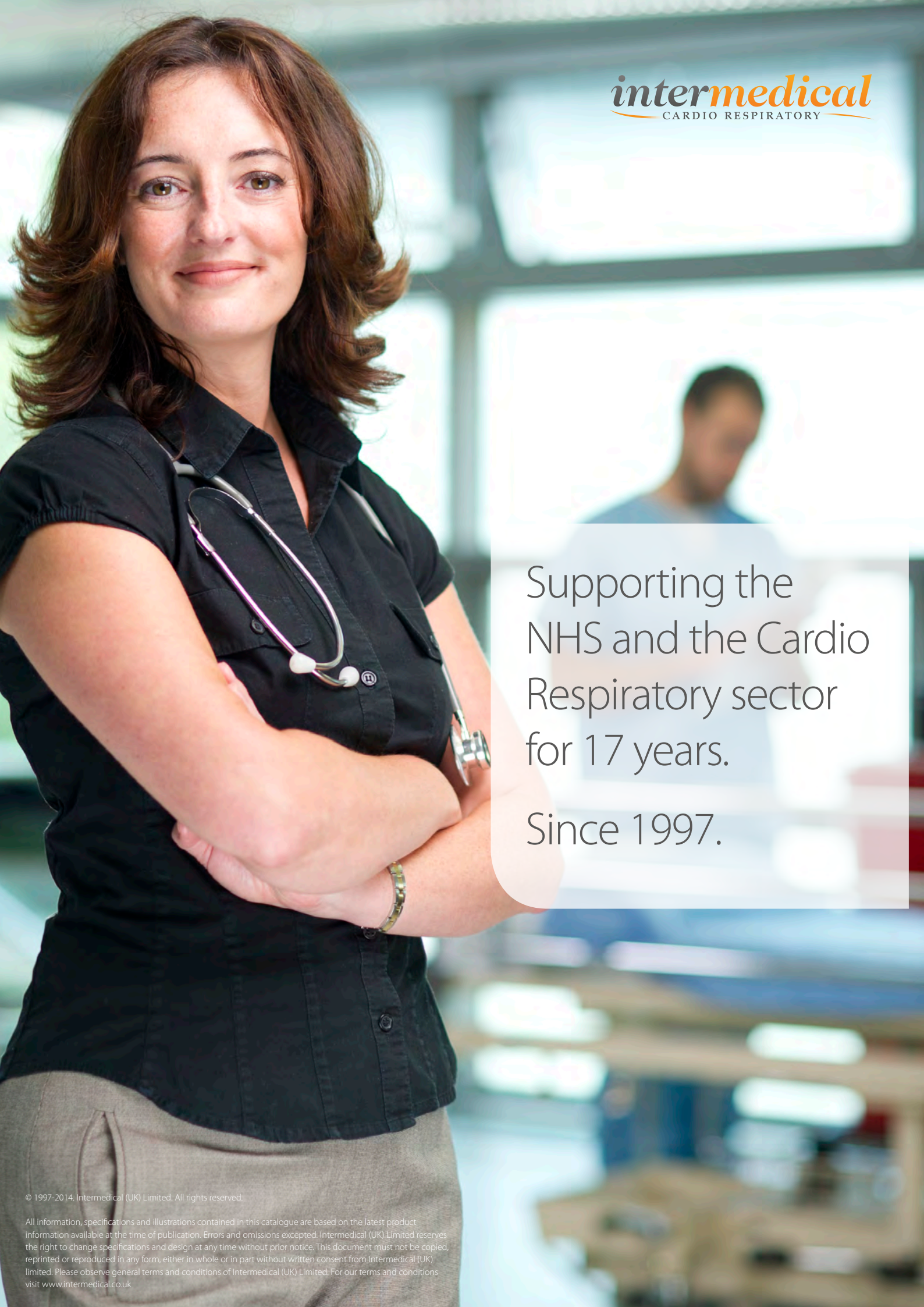
intermedical
CARDIO RESPIRATORY

Cardio Respiratory

Product Range | Issue 1

Trusted in **Respiratory Health**



© 1997-2014. Intermedical (UK) Limited. All rights reserved.

All information, specifications and illustrations contained in this catalogue are based on the latest product information available at the time of publication. Errors and omissions excepted. Intermedical (UK) Limited reserves the right to change specifications and design at any time without prior notice. This document must not be copied, reprinted or reproduced in any form, either in whole or in part without written consent from Intermedical (UK) limited. Please observe general terms and conditions of Intermedical (UK) Limited. For our terms and conditions visit www.intermedical.co.uk

Issue 1

Cardio Respiratory

Trusted in respiratory health.

Intermedical Cardio Respiratory provides a high quality range of medical equipment from global market leading companies to Primary and Secondary Care as well as Occupational Health.

From a comprehensive demonstration through to after-sales care that includes installation and product training, we offer free product support for all of the equipment.

This booklet contains our latest product range which we hope is informative but if you do require any further information please feel free to contact us.

Richard Haynes
UK Sales Manager
Southern Territories
M | 07584 682275
richard@intermedical.co.uk

Marc McDonnell
UK Sales Manager
Northern Territories
M | 07584 682274
marc@intermedical.co.uk

Telephone.
01732 522444

Website.
intermedical.co.uk
intermedicaldirect.co.uk

About Intermedical Cardio Respiratory — 03
Get to know our company and how to purchase from Intermedical Cardio Respiratory

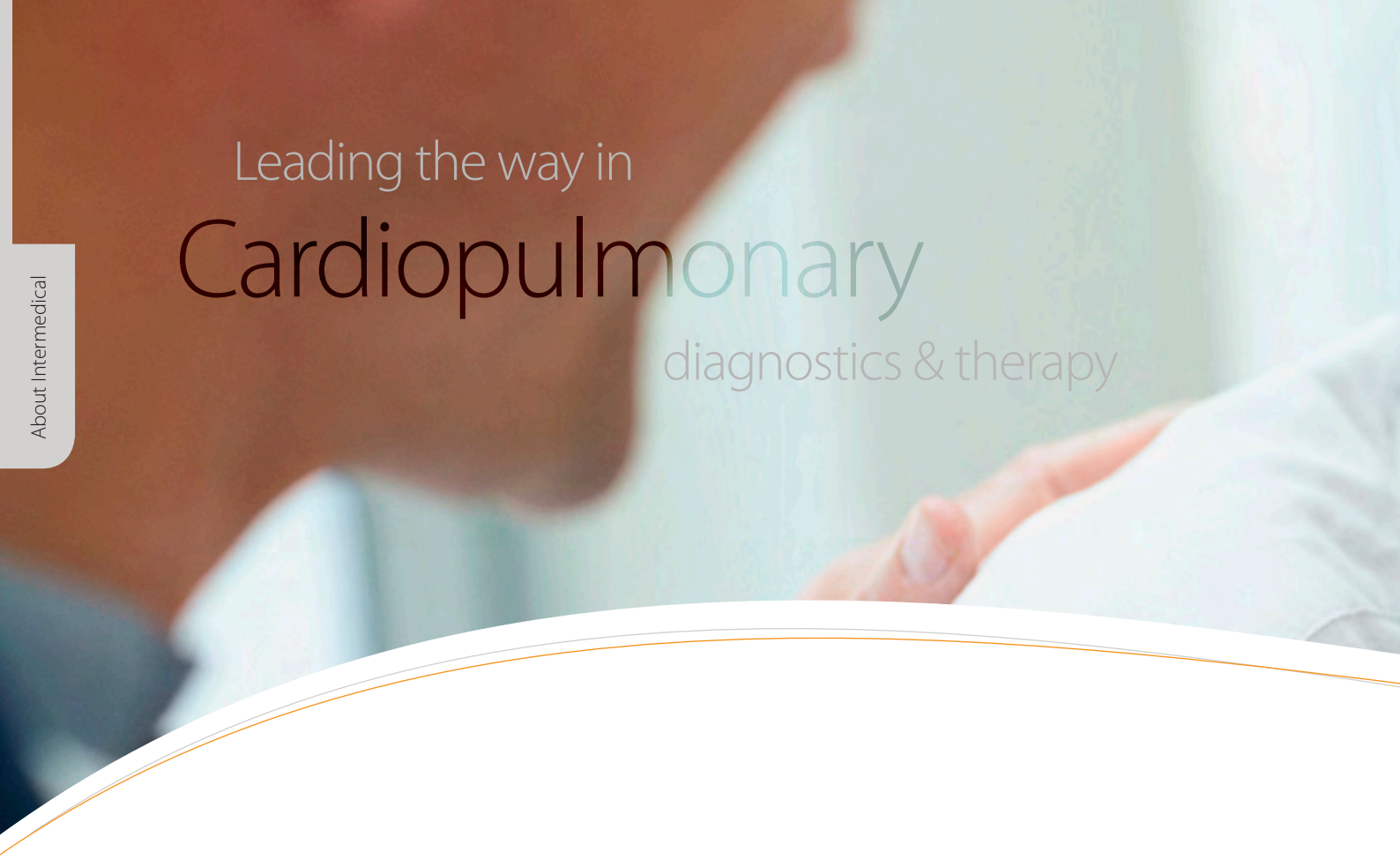
Lung Function Testing — 05
Advanced lung function testing systems including Spirometry, TLCO & FRC

Smoking Cessation — 19
Motivational tools for stop smoking services

Pulmonary Rehabilitation — 23
Diagnostic and therapeutic tools for Pulmonary Rehab clinics

Sleep Studies & Therapy — 35
Diagnostic recording devices including CPAP masks

Cardiology & Blood Pressure — 41
ECG monitors and professional blood pressure devices including 24 hour ABPM



Leading the way in Cardiopulmonary diagnostics & therapy

Our story.

Intermedical Cardio Respiratory - Proud to be a leader in the provision of specialist cardiopulmonary diagnostic and therapeutic equipment to UK and European primary and secondary healthcare.

The Cardio Respiratory team is one of three specialist divisions within the Intermedical group and truly represents the very foundations that the company was built upon since it was founded in 1997. It was first created in 2010 to focus specifically on the Cardiopulmonary sector of healthcare. Intermedical Cardio Respiratory is managed by a team of industry experts, all from medical backgrounds with a 120 years of combined experience and knowledge.

Over the last 17 years we have supported the NHS and the private sector maintaining our status of being a well-established, industry leading medical equipment and service provider. This has been achieved through years of excellence of service; knowledge, experience and passion. Combined with our quality accreditations, key decision makers are offered a reputable platform for the procurement of specialist medical equipment in this field.

ISO13485:2003
Cert No. GB11/82747

ISO9001:2008
Cert No. GB11/82746

In 2003 Intermedical gained ISO9001 certification, the internationally recognised standard for the company's internal quality management system. This ensures service, support and internal systems are of the highest standard.

In 2005 Intermedical were further accredited with the ISO13485 certification. This internationally recognised standard focuses on the quality management system with particular relevance to medical devices.

Our systems and procedures are audited yearly by leading quality inspectors SGS. They closely monitor every aspect of our operations to ensure that our clients can be confident in the safety of the equipment we provide and secure in our ability to provide ongoing maintenance.

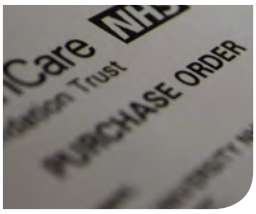
intermedical | intermedical CARDIO RESPIRATORY | intermedical HOMECARE | intermedical DIRECT

How to order.

Through our representatives

The best way to make an enquiry is to speak with one of our highly knowledgeable and experienced team members. They are able to offer bespoke pricing for bulk orders and provide free demonstrations on selected products in our range.

Purchase orders



The NHS, publicly funded organisations and UK registered companies are eligible to make purchases on a 30 day credit account. Please send your purchase order to **sales@intermedical.co.uk** or by **fax 01732 872883**

Online at intermedicaldirect.co.uk

Find our complete range of professional Cardio Respiratory products, consumables and much more online at intermedicaldirect.co.uk

NHS Supply Chain & Shared Business Services

Since 2011, we are proud to feature a selection of our Cardio Respiratory products on two of the main NHS procurement platforms - NHS Supply Chain network and more recently on NHS Shared Business Services platform.

Finding us on NHS Supply Chain

A product marked with the "NHS SC" label indicates the item can be found on the NHS Supply Chain. Visit **supplychain.nhs.uk** and type the code in the search box on the top right hand side of the page.

NHS SC 1234567

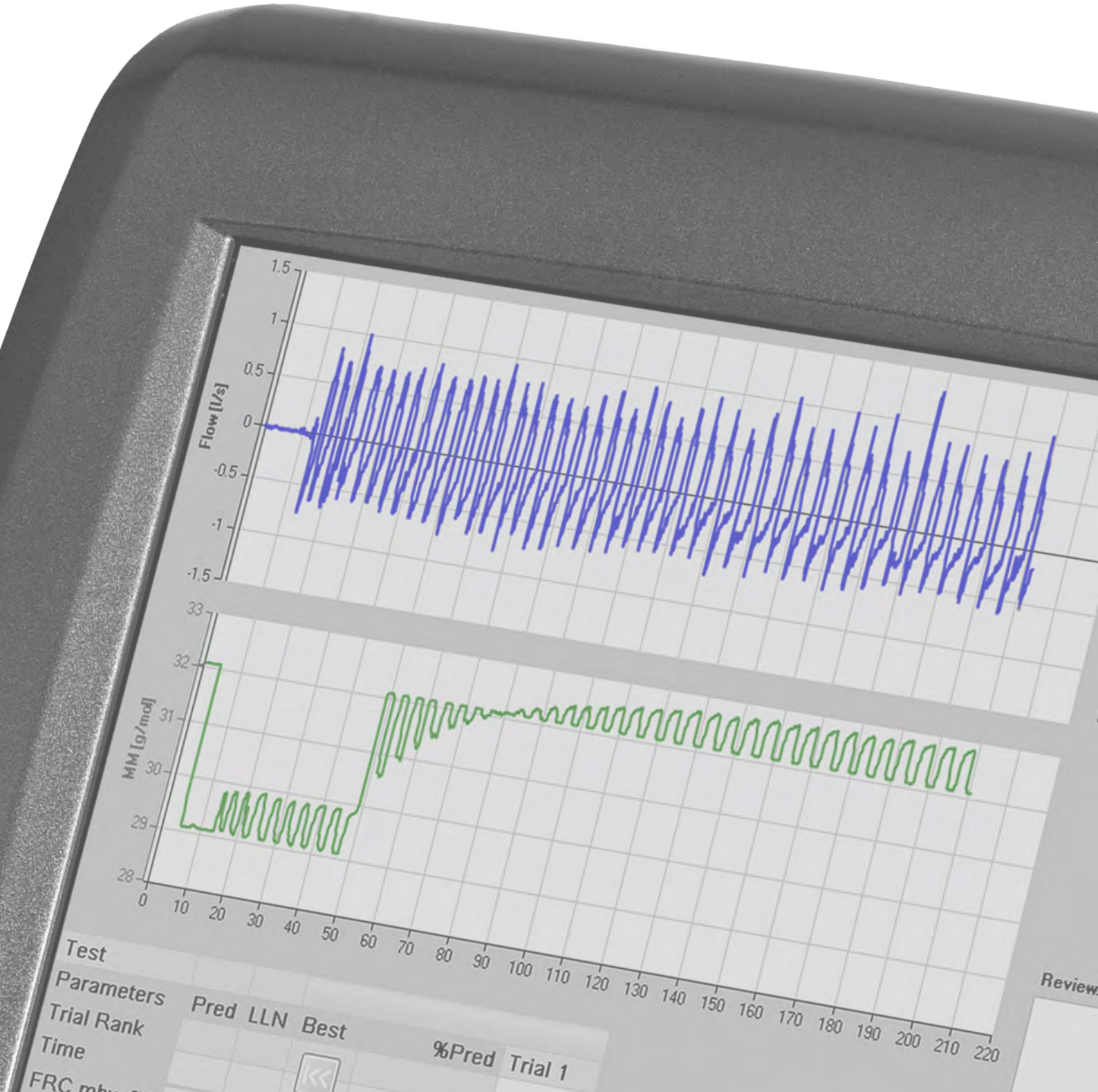
Finding us on NHS Shared Business Services

A product marked with the "NHS SBS" logo indicates the item is available on the Shared Business Services network. You can find the product by logging on to the SBS Nexus online catalogue system. This service is only available to participating NHS organisations only.

NHS SBS

05

Lung Function Testing

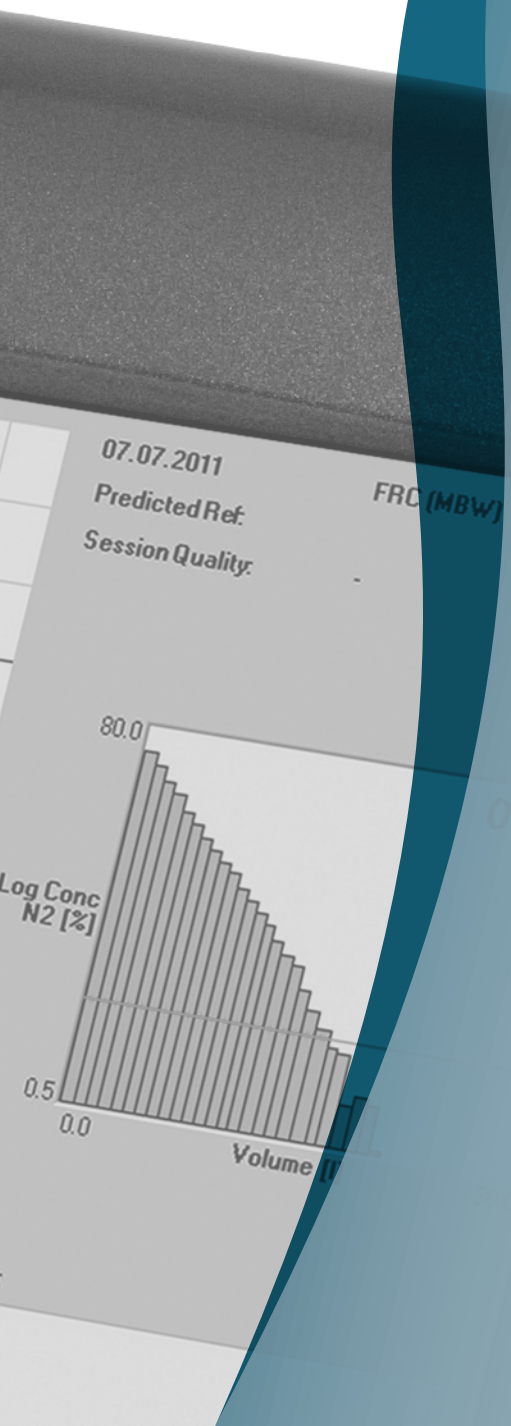


UK Exclusive Partner

A specialist range of lung function testing equipment. We also manufacturer and stock a broad range of accessories and consumables for use with most major brand Spirometers.

Intermedical is a proud partner of Zurich based ndd Medizintechnik AG for the exclusive distribution of the EasyOne and EasyOn Spirometer range in the UK.

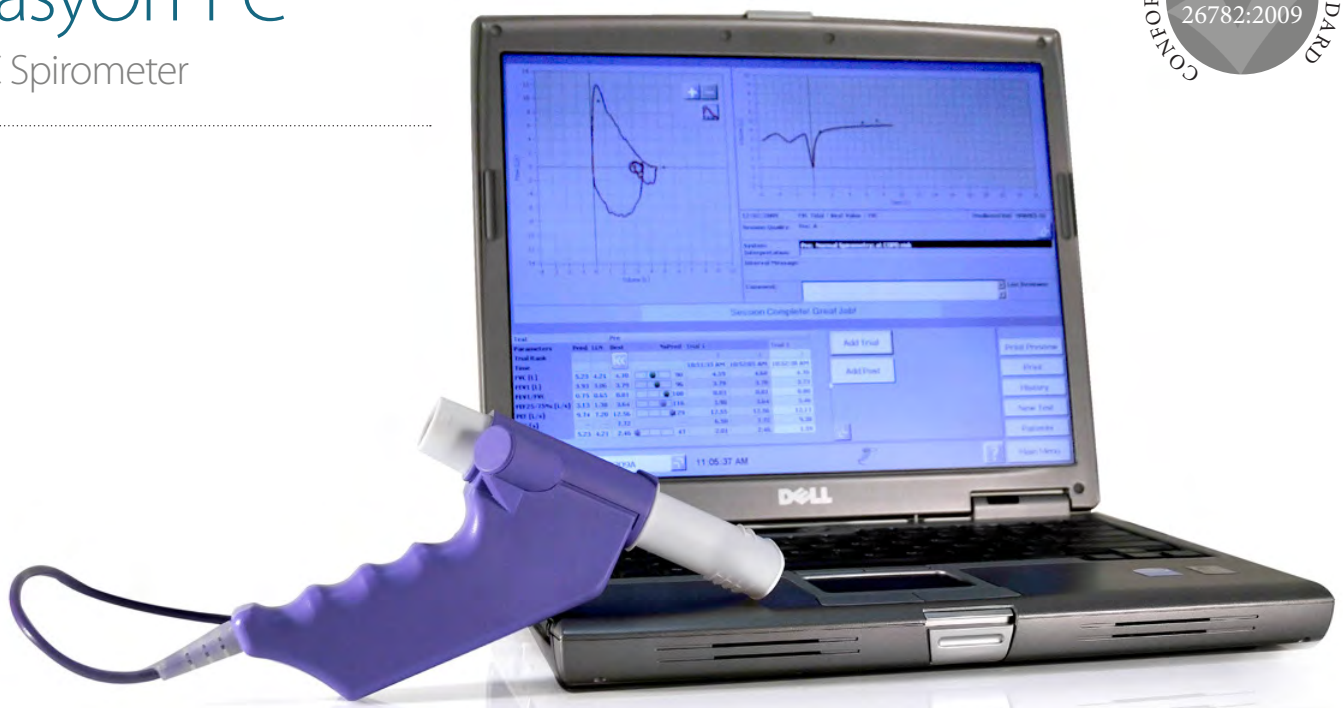
ndd Spirometry Range	07
Peak Flow Meters	15
Exhaled Nitric Oxide Monitoring	16
Spirometry Accessories	17



EasyOn-PC

PC Spirometer

CONFORMS TO ISO 26782:2009 STANDARD



systmone emis

Integration available

A powerful, easy to use Plug 'n' Play USB Spirometer using a calibration-free ultrasonic sensor for use on any PC device. Meets and exceeds ATS/ERS guidelines, the EasyOn-PC sets the bar high for proven accuracy of results.

The EasyOn-PC is calibration-free

The Easy on-PC utilises ndd's ultrasonic technology which has no moving parts. The calibration is factory set and is not affected by temperature change, pressure change, condensation etc. Therefore the device does not require calibration but can be verified using a 3 litre syringe.

Spirometry Software and future updates are free

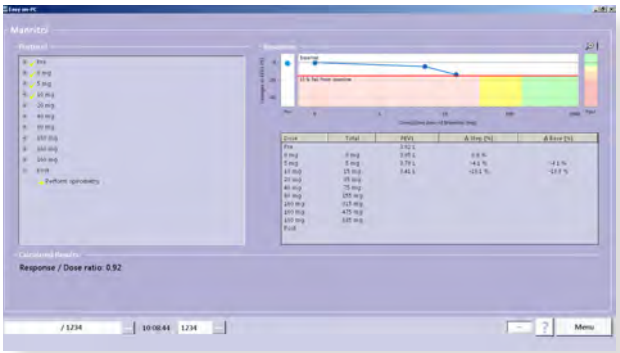
The Easy on-PC software can be updated free of charge for life; this can be downloaded from the ndd website. The software can be installed on as many computers as necessary without the need for user licenses or dongles. The database can also be stored onto a shared network drive which can be accessed by any computer installed with Easy on-PC software, allowing results to be viewed in a different location.

The latest GLI 2012 predicted values

The GLI equations are the first global multi-ethnic reference equations for Spirometry that span all-ages. Data from 74,187 healthy non-smokers (57.1% females) aged 3-95 years were used to derive the equations using modern statistical methods. This includes the development of age dependent lower limits of normal.

PC tablet option available. Ideal for testing on the ward or in the community

The Easy on-PC is available as a package with a Windows touch screen tablet PC, pre-installed with EasyOn-PC software. Using the lightweight tablet and EasyOn-PC together makes this the perfect portable Spirometry solution. The results can be printed or exported to PDF and other formats.

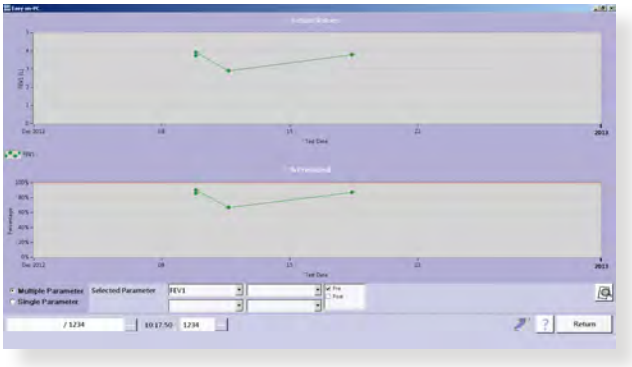


Challenge test routine with Methacoline and Mannitol protocols

Challenge testing protocols are pre-set in the software for Methacoline including Chai et al, ATS Short and ATS Long. Mannitol protocol is also included. The dosage to be administered is displayed in a table on screen and a timer will countdown to show when Spirometry needs to be performed. The software displays the % drop from the previous step and also from the baseline. A message is displayed when a positive result has been achieved and the test is complete.

Powerful trend facility

Single or multiple parameters can be shown as actual values and percent predicted. This allows the user to track a patient's lung function over time.



Incentive Screens

The software has three child incentives, the balloon, the monkey and the birthday cake to encourage children to perform correctly. The incentives can be displayed in a large format on screen whilst still being able to view the Flow/Volume and Volume/Time graphs in real-time.

Infection Control

The ndd devices use 'Spirette' mouthpieces. These are single patient use and stops the patient's breath from coming into contact with the device. Therefore when you dispose of the 'Spirette' there is no cross infection risk on the device. The sensor handle can also be wiped down with an Alcohol based wipe if required.

Ordering Information

EasyOn-PC With Software
Code: 831620
Includes: EasyOn-PC Sensor, Software in Hard Carry Case

EasyOn-PC Tablet Package
Code: 831610
As 831620 with the addition of Windows Tablet with ndd EasyOn-PC software pre-installed

Accessories & Consumables

Spirettes (box of 200)	Code: 831204A
Spirettes (box of 50)	Code: 831203A
3 Litre Calibration Syringe	Code: 1690000

NHS SBS

EasyOne Pro

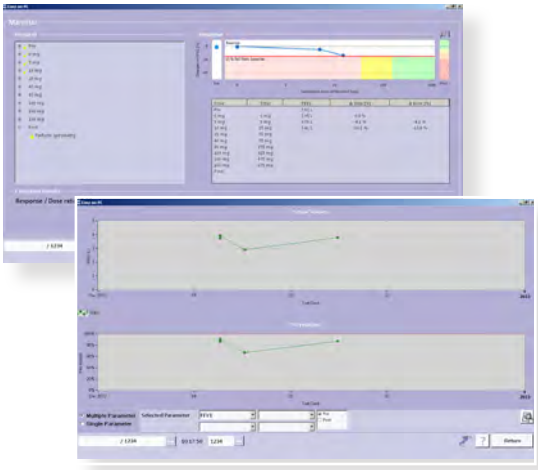
Portable TLCO/DLCO Gas Diffusion Testing System

Integration available

The EasyOne Pro is a truly portable device that allows the user to perform Spirometry and Single Breath Gas Diffusion either in the Lab, on the ward or in the community.

The EasyOne Pro can be used on a trolley which has the TLCO gas strapped to it. The user only needs to plug the equipment into an electrical socket. What makes the EasyOne Pro unique is the fact that the flow and gas sensors need no warm up time or calibration before use. It can be moved between locations and the device will be ready to use in less than one minute. This is thanks to ndd's patented state of the art ultrasonic transit time measurement that determines flow. This is independent of temperature, humidity, ambient pressure and has proven long term stability without maintenance, cleaning or calibration.

The gas sample is taken by a unique "tube within tube" design. It is delivered to the analyser where the temperature and humidity are adjusted to give a fast, clean and highly accurate CO analysis. The ndd patented state of the art Helium determination is based on ultrasonic transit time measurement. Helium is determined precisely and at exactly the same time as the flow. The same patented sensor measures flow and Helium.



Challenge test routine with Methacoline and Mannitol protocols. Powerful trend facility

Challenge testing protocols are pre-set in the software for Methacoline including Chai et al, ATS Short and ATS Long. Mannitol protocol is also included. The dosage to be administered is displayed in a table on screen and a timer will countdown to show when Spirometry needs to be performed. The software displays the % drop from the previous step and also from the baseline. A message is displayed when a positive result has been achieved and the test is complete.

The latest GLI 2012 predicted values

The GLI equations are the first global multi-ethnic reference equations for Spirometry that span all-ages. Data from 74,187 healthy non-smokers (57.1% females) aged 3-95 years were used to derive the equations using modern statistical methods. This includes the development of age dependent lower limits of normal.

Incentive Screens

The software has three child incentives, the balloon, the monkey and the birthday cake to encourage children to perform correctly. The incentives can be displayed in a large format on screen whilst still being able to view the Flow/Volume and Volume/Time graphs in real-time.

Infection Control

The ndd devices use 'Spirette' mouthpieces. These are single patient use and stops the patient's breath from coming into contact with the device. Therefore when you dispose of the 'Spirette' there is no cross infection risk on the device. The sensor handle can also be wiped down with an Alcohol based wipe if required.

Trolley available separately

Ordering Information

EasyOne Pro Portable TLCO

Code: 831500

Gas available separately

Accessories & Consumables

Ward trolley	Code: 1770000
Spirettes (box of 200)	Code: 831204A
TLCO Barrietes	Code: 831550
3 Litre Calibration Syringe	Code: 1690000

EasyOne Pro LAB

Portable TLCO/DLCO Gas Diffusion and FRC Testing System

Integration available

The EasyOne Pro LAB is a truly portable device that allows the user to perform Spirometry, Single Breath Gas Diffusion and FRC (MBW) either in the Lab, on the ward or in the community.

Spirometry and DLCO measurements are now complimented with a nitrogen Multi Breath Washout (MBW) module for determination of FRC (Functional Residual Capacity), LCI (Lung Clearance Index) and derived parameters. In addition to the basic EasyOne Pro this device provides more detailed information about lung volume and airways disease. It is designed for use with medical grade oxygen but other gases containing tracers like helium and SF6 (sulfur hexafluoride) may be used.

An additional gas inlet for the washout test is mounted on the left side wall of the housing, hidden by the EasyOne Pro coloured cover panel. The physical dimensions therefore change insignificantly from the standard EasyOne Pro unit. To prevent connection error, the inlet diameter of the MBW test gas is different from the one for the DLCO test gas. The Pro LAB software contains an additional module for MBW analysis. It allows a smooth and simple FRC (MBW) procedure, just like tidal breathing.

LCI testing on the Pro LAB

The EasyOne ProLab can calculate Lung Clearance Index. LCI is a sensitive, repeatable and practical measure of airways disease.

Lung Clearance Index is considered to be more sensitive than Spirometry in early stages of CF lung disease.[1] Being non-invasive, it is repeatable on multiple occasions, increasing its longitudinal applicability. It reflects disease progression, correlating well with FEV1, although it is abnormal at an earlier stage in the disease. The technique is harmless, easy for patients to perform and reproducible, even in infants[2] and small children.[3]

Thorax 2008;63:96-97 doi:10.1136/thx.2007.082768
Lung clearance index in CF: a sensitive marker of lung disease severity
Jane C Davies, Steve Cunningham, Eric W F W Alton, J A Innes

1. Kraemer R, Blum A, Schibler A, et al
Ventilation inhomogeneities in relation to standard lung function in patients with cystic fibrosis.Am J Respir Crit Care Med2005;171:371–8
2. Lum S, Gustafsson P, Ljungberg H, et al
Early detection of cystic fibrosis lung disease: multiple-breath washout versus raised volume tests. London Cystic Fibrosis Collaboration.Thorax2007;62:341–7
3. Aurora P, Gustafsson P, Bush A, et al
Multiple breath inert gas washout as a measure of ventilation distribution in children with cystic fibrosis.Thorax2004;59:1068–73

Additional parameters on the Pro LAB

The EasyOne Pro Lab provides a number of additional parameters. A special focus is set to the Lung Clearance Index (LCI). This parameter is not available in common bodyplethysmograph.

- CEV (Cumulative Expired Volume)
- FRC (Functional Residual Capacity)
- LCI (Lung Clearance Index) [ratio]
- MR0, MR1, MR2 (Moment Ratios) [ratio]
- RV (Residual Volume)

Key features

- Requires a minimum level of cooperation from the patient
- No resistance
- A simple calibration free test procedure makes it easy for the operator
- Maximum hygiene
- FRC and LCI: Two essential parameters in one unit
- EasyOne Pro FRC can be operated with standard oxygen wall outlets.
- Fully portable and designed for all bedside and point of care testing.

Ordering Information

EasyOne Pro LAB Portable TLCO

Code: 831501

Gas available separately

Accessories & Consumables

Ward trolley	Code: 1770000
Spirettes (box of 200)	Code: 831204A
FRC Barrietes	Code: 831520
3 Litre Calibration Syringe	Code: 1690000

EasyOne World

Portable Spirometer

CONFORMS TO ISO 26782:2009 STANDARD

The EasyOne World Spirometer is a portable ultrasonic hand-held spirometer which earned its name "world Spirometer". This is due to its acclaimed reputation in all corners of the world and is recommended by opinion leaders in all continents.

The EasyOne Spirometer is a battery operated hand held device with a graphical display and large memory. The device can be used on its own or with a docking station to upload the results to EasyOn-PC software. The results are stored in a database and can be exported to multiple formats.

Using the ndd ultrasonic technology to measure flow the EasyOne World Spirometer does not require routine calibration or maintenance. The calibration is not affected by changes in temperature, pressure or condensation and the calibration is set at the factory. This can be verified using a 3 litre calibration syringe if required.

The EasyOne World Spirometer can be used alone as a portable powerful hand held spirometer which has a large memory storage. The results are displayed on the LCD screen giving the user an instant view of the patients results compared to their predicted values.

Ordering Information

EasyOne World Spirometer

Code: 831002

Includes: EasyOne World Spirometer Unit, Cradle, Spirettes and Instruction manual

Accessories & Consumables

USB Docking Station	Code: 831006
Screen Connector Kit	Code: 831009
Spirettes (box of 200)	Code: 831204A
3 Litre Calibration Syringe	Code: 1690000

Choosing the right ndd solution

	EasyOn-PC PC / Tablet Spirometer	EasyOne Pro TLCO	EasyOne Pro LAB TLCO / FRC	EasyOne World Spirometer
Spirometry				
Relaxed VC	●	●	●	●
Forced VC	●	●	●	●
Challenge Test	●	●	●	
GLI Predicted Values	●	●	●	
Trend (% Predicted/Actual)	●	●	●	
Onscreen real-time Spirometry	●	●	●	
Ultrasonic Sensor	●	●	●	●
Lung Function (PFT)				
TLCO / DLCO		●	●	
FRC (MWB)			●	
LCI			●	
Software				
Multi-Format Export	●	●	●	●
Multiple PC installations	●			●
License Free	●			●
Free updates for Life	●	●	●	●
Networkable Patient Database	●	●	●	●
Integration				
SystmOne	●	●	●	
EMIS	●	●	●	
HL7	●	●	●	
	Ideal for: PC Based testing in a GP clinics, lung function labs and occupational health	**Ideal for:** Lung function clinics and community/ ward based testing	**Ideal for:** Lung function clinics and community/ ward based testing	**Ideal for:** Hand held Spirometry testing in the community, GP clinics, Lung function labs, wards and occupational health setting

Pinnacle

Peak flow meter

Pinnacle is a peak flow meter which measures the patient's maximum speed of expiration, or peak expiratory flow rate (PEFR or PEF).

- Including peak flow zones which won't wash off or come unstuck
- Large easy to read scale (EU Scale)
- Captive pointer
- Made only from medical grade polymers and stainless steel
- Proven durability
- Internal one-way valve
- Comes complete with easy-to-follow instructions

eMini-Wright

Electronic Peak flow meter

The eMini-Wright is a small, discreet electronic peak flow meter that accurately measures and stores peak flow data.

- Highly accurate peak flow measurements; conforms to international standards
- Stores 240 readings
- Easy to clean by simple wiping
- On-screen zoning system
- On-screen reporting of poor effort and non-reproducible results

Ordering Information

Pinnacle Peak Flow Meter
Code: 1500000

NHS SC FDD2733 NHS SBS

eMini-Wright Peak Flow Meter
Code: 104051
Includes: eMini-Wright unit, USB Cable and Instructions

Accessories & Consumables
See page 17 for list of consumables

Refer to pricelist for full list of accessories

NObreath

Exhaled Nitric Oxide Monitor

Measure Breath Nitric Oxide for Airway Inflammation with NObreath FeNO monitor.

For quick and easy use with visual prompts for patients whilst taking a test to ensure correct results every time. Choose between Adult and Child profiles to ensure the best sample times. The NObreath requires 3xAA batteries making it totally portable and easy to transport.

Quick warm-up time

The NObreath features an Internal pump with NO scrubber enabling warm up and recovery time to be a maximum of 60 seconds by constantly presenting the sensor with NO free ambient air.

Cost-effective operation

Specifically designed with the latest bacterial filtration to remove 99.9% of airborne bacteria from the patient's breath. These can be used up to 3 times per patient, dramatically reducing the cost of testing for FeNO.

NObreathFlo™

Eye level flow indicator makes keeping a constant flow during exhalation easy, even for young children. Using the NObreathFlo™ and mouthpieces provided allows the user to comply with ATS/ERS guidelines for FeNO testing. The NObreathFlo™ is changed after 50 tests to further reduce the risk of cross-infection.

The benefits of FeNO testing

- Non-invasive, quick and easy to perform
- Shows patient's response to treatment, enabling the correct prescription of medication
- Shows patient compliance
- Aids in identifying patients who do/do not require ongoing treatment
- Shown to be superior to the majority of conventional tests of lung function, such as peak flow recording and Spirometry

Ordering Information

Bedfont NObreath FeNO Monitor
Code: 1420006
Includes: NObreath unit, 1 x NObreath flo, 50 x mouthpieces

Accessories & Consumables

Test Pack (100)	Code: 1420020
Test Pack (300)	Code: 1420021

Refer to pricelist for full list of accessories

Disposable Mouthpieces

Paediatric, 22mm

Single Use. Suitable for use with most CO monitors and Spirometers with a paediatric mouthpiece adaptor.

Standard

Box of 200 Code: 881001
Box of 500 Code: 881001/500

One-Way Valve

Box of 100 Code: 881003/100
Box of 200 Code: 881003

Adult, 30mm

Single Use. Suitable for use with most Spirometers.

Standard

Box of 100 Code: 881000/200
Box of 500 Code: 881000

One-Way Valve

Box of 200 Code: 881002
Box of 500 Code: 881002/500

NHS SBS

NHS SC FDD2734 ***NHS*** SBS

Bacterial Filters

To fit Micro Medical, MIR & Vitalograph devices

Box of 50 Code: 1690016

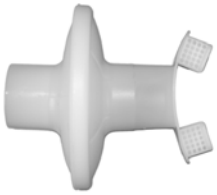
To fit Jaeger devices

Box of 50 Code: 1690014

To fit SensorMedics & PK Morgan devices

Box of 50 Code: 1690013

To fit Carefusion devices



Box of 100 Code: 1270003

Noseclips & Adaptors

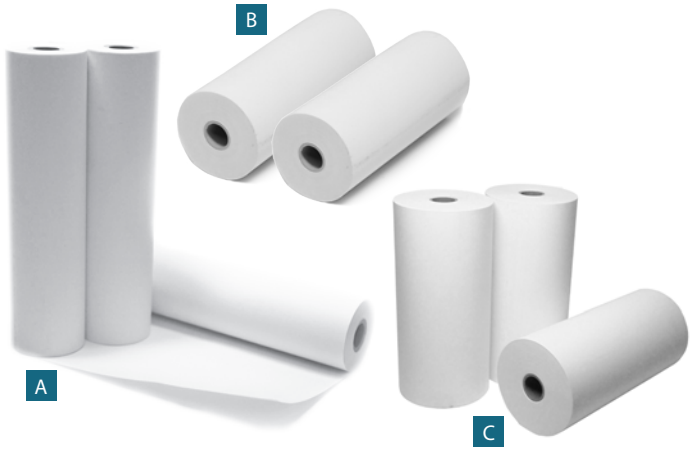
Noseclips
Single Use.

Box of 100 Code: 1270004

Paediatric Mouthpiece Adaptor
30mm to 22mm adaptor.

Singular Code: 021300

Spirometry Thermal Printer Paper



A | Microlab Spirometer

Pack of 5	Code: 081003-5
Pack of 10	Code: 081003

B | MIR Spirolab I/II/III

Pack of 5	Code: 081039
Pack of 10	Code: 081039-10

C | Vitalograph Alpha 4 / Compact

Pack of 5	Code: 081000-5
Pack of 10	Code: 081000

Consumables

A | ndd Spirettes

Individually wrapped, Box of 50	Code: 831203A
Individually wrapped, Box of 200	Code: 831204A

NHS SBS

B | TLCO Barriettes for ndd EasyOne Pro

Box of 50	Code: 831550

C | FRC Barriettes for ndd EasyOne Pro LAB

Box of 40	Code: 831520

Calibration

SpiroCal 3000 Calibration Syringe

3 litre calibration syringe for use on most lung function testing equipment including MicroLab, MIR and Vitalograph devices.

SpiroCal 3000 Calibration Syringe
Code: 1690000

19

Smoking Cessation

UK Exclusive Partner

The Bedfont range of Smokerlyzers are high quality, accurate and the monitors of choice for the majority of Stop Smoking Services.

We are proud to be the exclusive partner of Bedfont for the distribution of their Smoking Cessation range in the UK.

Bedfont Smokerlyzers 21

Bedfont Smokerlyzer Consumables 22

piCO Simple

Smokerlyzer

piCO Baby

Smokerlyzer

The Bedfont range of piCO Smokerlyzers are known as the industry standard in breath carbon monoxide monitoring. Used by health professionals and stop smoking services across the globe, the Bedfont Smokerlyzer range is exclusively available from Intermedical in the UK.

Simplicity of use, combined with the conventional traffic light system on either side of the large LCD display, provides stop smoking clinics with the ultimate motivational tool to help smokers quit for good. The piCO simple analyzes carboxyhaemoglobin (%COHb) and carbon monoxide levels (ppm) in a single breath sample. The piCO baby is designed for monitoring women in pregnancy. Following the same operating principle as the piCO simple, it shows results for both the mother (PPM and %COHb) and the baby (%FCOHb).

Easy to use, one touch operation

To perform a test, the centre power button is pressed once to start a visual on-screen 15 second countdown. This is followed by an audible beep prompting the patient to provide a breath sample. Results are displayed instantaneously.

No calibration required with five year warranty

The piCO simple and piCO baby are built to precision, so much so, the sensor technology incorporated within the monitors does not require calibration. Verification gas is available to check the status of the monitors. 5 year warranty!

Cost-effective operation with low cost consumables

The Bedfont range of Smokerlyzers uses the new cost-effective, patent pending Steribreath mouthpiece. They are provided in boxes of 250 and are individually sealed for optimal infection control.

Ordering Information

Bedfont piCO Simple
Code: 1420004S
Includes: piCO monitor, D-piece, 10 x Steribreath Mouthpieces, Supplied in soft carry case

NHS SC FDD3219 *NHS* SBS

Bedfont piCO Baby
Code: 1420004B
Includes: piCO monitor, D-piece, 10 x Steribreath Mouthpieces, Supplied in soft carry case

NHS SC FDD3218 *NHS* SBS

Accessories & Consumables
See page 22 for list of consumables

Micro+

Smokerlyzer

The Micro+™ Smokerlyzer® is a longstanding benchmark device used in clinical trials and research. It was also featured on the BBC Three documentary "Misbehaving Mums To Be".

The Bedfont Micro+ Smokerlyzer is a colour touch screen CO monitor designed to be used for adults, pregnant women and also adolescents. The results are displayed instantly on the screen showing the patients PPM and also %COHB. In addition to these the %FCOHB can be displayed when testing pregnant women by pressing the image of the baby on the Micro+ screen.

The device uses a familiar red, amber and green traffic light system making CO levels easily identifiable to patients. The monitor can also hold 100 tests in the internal memory and can be used with the "Misbehaving Mums To Be" software.

Ordering Information

Bedfont Micro+ Smokerlyzer
Code: 1420003
Includes: piCO monitor, D-piece, 10 x Steribreath Mouthpieces, supplied in soft carry case

NHS SC FDD2737 NHS SBS

Smokerlyzer Consumables

A | Steribreath Mouthpieces (Box/ 250)
For use with piCO range and Micro+, Individually sealed. Single Use.

Code: 1420040
NHS SC FDD3681 NHS SBS

B | D-Pieces (Pack/ 12)
D-piece with filter that connects Steribreath mouthpiece to monitor. For use with piCO range and Micro+.

Code: 1420015/2
NHS SC FDD3226 NHS SBS

C | Alcohol-free cleansing wipes (Pack/ 50)
To clean monitor after use for infection control purposes.

Code: 1420016
NHS SBS

23

Pulmonary Rehabilitation

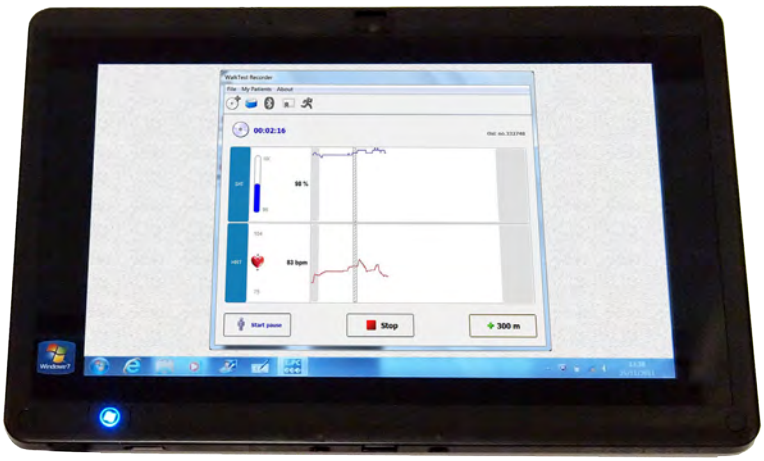
A handpicked selection of Pulmonary Rehabilitation equipment from analysis software to therapy products.

Ambulatory Oxygen Assessment	25
Pulse Oximetry	27
Oxygen Therapy	31

Bluenight

Ambulatory Oxygen Assessment Software

The 6 minute walk test system that utilises Bluetooth wireless technology to transmit live analysis of the assessment using the Bluenight reporting software.



The BlueNight 6 minute walk test system consists of a Nonin 3150 WristOx2 and a Windows PC Tablet. The WristOx2 is worn by the patient and communicates with the Tablet PC by Bluetooth. The patient simply walks for 6 minutes whilst the SpO2 and pulse rate are displayed in real-time on the Tablet PC that is being held by the clinician.

The software records the SpO2 and pulse rate for the previously configured rest period. The patient is then instructed to start the test. The user presses an icon on the screen to mark the distance which can be pre-set into the software. The test can be paused at any time to allow the patient to rest or to adjust the oxygen flow rate on the patient. Once the 6 minutes is completed the software will record for a recovery period. The data is shown as per the example (right). Detailed reports can be generated and then exported to PDF or Word formats.

Features

- Observations transmitted in real time via Bluetooth
- Specifically designed to be used for 6 Minute & Shuttle
- Options available to monitor more than one patient simultaneously
- Automatically calculates theoretical distance with detailed analysis plus graphical reports.
- Available on PC or portable tablet

Ordering Information

Bluenight Screener with WristOx2
Code: 99/BN/PCWT/TBL
Includes: Bluenight PC Software, Nonin WristOx2 Pulse Oximeter, Windows Tablet PC and Instructions. Supplied in hard case

Bluenight PC Screener Software only
Code: 990006

WristOx$_2$ 3150

Wrist-worn Pulse Oximeter

The WristOx2 3150 is a powerful wrist-worn Pulse Oximeter from Nonin. Popular for use in sleep studies and for cardio ambulatory monitoring.

Easy to use with clear display, the WristOx2 is comfortable to wear and comes complete with medium size silicone SpO2 sensor and 0.3 meter cable. From the hospital to the home, the WristOx2™is ideal for applications including cardio-ambulatory monitoring, remote wireless monitoring and overnight studies.

Recordings can be easily downloaded via a USB cable or wirelessly with Bluetooth technology onto a desktop PC using Nonin's nVISION software (See bottom right). The WristOx2 is also capable of transmitting real-time data to a desktop or tablet PC running the **Bluenight Screener software** (see left), the perfect solution for carrying out 6 minute walk tests.

Features

- Up to 1,080 hours of memory (Sample rate @ 4 sec)
- Utilises USB or Wireless Bluetooth to transfer data to nVISION software (Sold seperatley)
- Transmits live data to Bluenight Screener software (see left)
- The ideal solution for 6 minute walk tests and sleep studies

nVISION Software

nVISION® data management software is a powerful, easy-to-use oximetry data analysis tool that works hand in hand with most Nonin devices. The WristOx2 can be purchased with or without software.

- 6 minute walk tests and sleep screening utilities
- Software facilitates easy data transfer by either direct connection (USB) or Wireless (Bluetooth)

Ordering Information

Nonin WristOx2 3150
Code: 1000500
Includes: Medium SpO2 silicone finger probe

Nonin WristOx2 3150 with nVISION
Code: 1000501
Includes: Medium SpO2 silicone finger probe, nVISION Software

Nonin WristOx2 3150 with Bluenight Screener
Code: 99/BN/PCWT/TBL
Includes: Bluenight PC Software, Nonin WristOx2 Pulse Oximeter, Windows Tablet PC and Instructions. Supplied in hard case

Nonin

Pulse Oximetry Range

Nonin is one of the global leaders in Pulse Oximetry. It is easy to see why with an exceptional range from on-the-spot to vital signs monitoring. Nonin is the name to trust in all areas of healthcare.

GO_2 9570
Finger Pulse Oximeter ▸

The GO_2 is a popular "consumer" Pulse Oximeter designed specifically for use by COPD and Asthma patients for self-checking and to help manage their supplemental oxygen use.

Engineered with the same technology that is used in professional medical grade oximeters, the GO_2 features a clear LCD display and is available in three colours.

◂ Onxy Vantage 9590
Finger Pulse Oximeter

The Onyx Vantage 9590 is the latest model in Nonin's 9500 range of finger Pulse Oximeters. The 9590 provides a fast, scientifically proven accurate and cost-effective solution for spot-checking oxygen saturation and pulse rate in pediatrics and adults. Accurate readings can also be taken on the most challenging of patients due to low perfusion and darker skin tones. The LED traffic light pulse quality indicator provides a quick assessment of patient pulse quality.

As well as its reliability to perform every time, the 9590 is highly durable and perfect for use in the most demanding of situations. Available in four colours.

PalmSAT 2500
Handheld Pulse Oximeter ▸

The PalmSAT® 2500 is a rechargeable* handheld Pulse Oximeter from Nonin. The 2500 model comes in two versions, with or without the alarms option. It's small, lightweight and stylish with an easy to use interface and clear LED display. The 2500 is capable of recording up to 72 hours of data which can be downloaded onto a PC via USB cable to Nonin's nVISION software (Sold separatley).

With Nonin's scientifically proven accurate technology, the 2500 typically lasts up to 80 hours of battery operation. It is also compatible for use with Nonin's wide range of PureLight® sensors with a variety of accessories available including a docking station for charging and more.

*Rechargeable batteries sold separately

Avant 7500
Tabletop Pulse Oximeter

The Nonin 7500 is a portable tabletop Pulse Oximeter that can run independently on battery or on mains electricity. It is capable in monitoring a variety of patients from neonate to adult in acute care to homecare environments. Lightweight, compact and durable the 7500 offers a user friendly interface with a bright and large LED display providing clear readability.

The color coded bar graph assists in assessing the patient's status. An audible tone sounds with each pulse. The pitch changes with the patient's saturation level. Over 70 hours of memory available for extended monitoring with the ability to download data onto a PC using Nonin's nVISION software (Sold seperatly). Fiber Optic sensor version available for MR Environments. Please speak to our advisors if you wish to explore this option.

Ordering Information

Nonin GO_2 9570
Code: 1000016
Includes: 1 x AA Battery, User guide
Available in Orange, Blue & Green

Nonin Vantage 9590
Code: 1000015
Includes: lanyard, instructions on CD and 2x AAA batteries.
Available in Blue, Purple, Red & Black

Nonin PalmSat 2500 handheld
Code: 1000060 / 1000061*
Includes: Medium SpO2 silicone finger probe, CD Manual, 4 x AA Batteries

Nonin Avant 7500 tabletop
Code: 1000080
Includes: Medium SpO2 silicone finger probe, Mains Power Supply Unit, User Manual

Nonin 8500 handheld
Code: 1000040
Includes: Operator's Manual on CD, 1 x 8000AA Pulse Oximeter Sensor, 6 x AA Batteries

8500
Handheld Pulse Oximeter

The 8500 digital Handheld Pulse Oximeter provides a simple universal tool for patient monitoring. A popular model within the Emergency Services, the 8500 features an easy to use 3 button control panel with bright, easy to read LED display. Ideal for both spot checks and continuous monitoring.

With Nonin's scientifically proven accurate technology, the 8500 typically lasts up to 100 hours of battery operation. The 8500 is also compatible for use with Nonin's wide range of PureLight® sensors.

Intermedical

Pulse Oximetry Range

Our popular range of finger Pulse Oximeters provides the user with two highly accurate and reliable solutions catering for both the consumer and the healthcare professional.

MD300C25 PulseOx Finger Pulse Oximeter ▸

The MD300C25 features a super clear OLED 360 degree rotatable display perfect for self-monitoring as well as for clinicians performing on the spot tests. The display also features a waveform to show signal quality. This Pulse Oximeter accommodates a wide range of finger sizes and suited for testing on paediatrics as well as adults.

Simple one button operation to turn on the device and one click to rotate the display 90 degrees. Complete with lanyard and 2 x AAA batteries.

◂ MD300C316 PulseOx Finger Pulse Oximeter

The MD300C316 is a professional Pulse Oximeter that is capable of recording up to 72 hours of data with the ability to set ID codes for each assessment. Easy one button operation with clear OLED display, the MD300C316 can be used on paediatrics as well as adults.

Data can be downloaded onto a desktop PC via USB cable using the provided MedView Software. The Pulse Oximeter comes complete with rechargeable Li-Ion battery and charger.

Ordering Information

MD300C25 PulseOx
Code: 1230000
Includes: 2 x AAA batteries, lanyard and instruction manual

MD300C316 PulseOx
Code: 1230002
Includes: Lanyard, USB data cable, MedView Software, power adaptor and instruction manual

Daray L550M

Patient Monitor

The DARAY L550M patient monitor is a compact, lightweight device which can be used in operating theatres and medical rooms.

Purchasing a new patient monitor it can be quite daunting particularly when looking through specifications and deciding on your requirements.

The DARAY L550M has been designed specifically to monitor ECG, NIBP, SpO2, TEMP and RESP with optional CO2. Being lightweight and compact, the L550 can be transported easily and has an optional mobile trolley for extra convenience.

The DARAY L550M is built to the highest standard and has many options available which can be tailored to your needs. The L550M can be introduced to any department with minimal set up required ensuring you can meet the needs of your patients whether they are adult, paediatric or neonatal. Comprehensive Reports can be generated and then exported or printed.

Features

- Suitable for operating theatre and emergency use
- Suitable for adult, paediatric and neonatal patients
- Unique thoracic impedance and double mode nasal respiration test
- 8 waveform 12.1 inch colour TFT display
- Multi language operation
- Low power design with standby mode
- Built-in rechargeable battery
- Monitors ECG, SpO2, NIBP, HR and Temp
- Calculates drug concentration, detects ST segment and analyses pacemakers and arrhythmia
- Adjustable limit audible and visual alarms
- Optional ETCO2, CO2, IBP and dual IBP
- Thermal results printer as standard
- Network connection for patient monitoring systems
- Optional mobile base available

Ordering Information

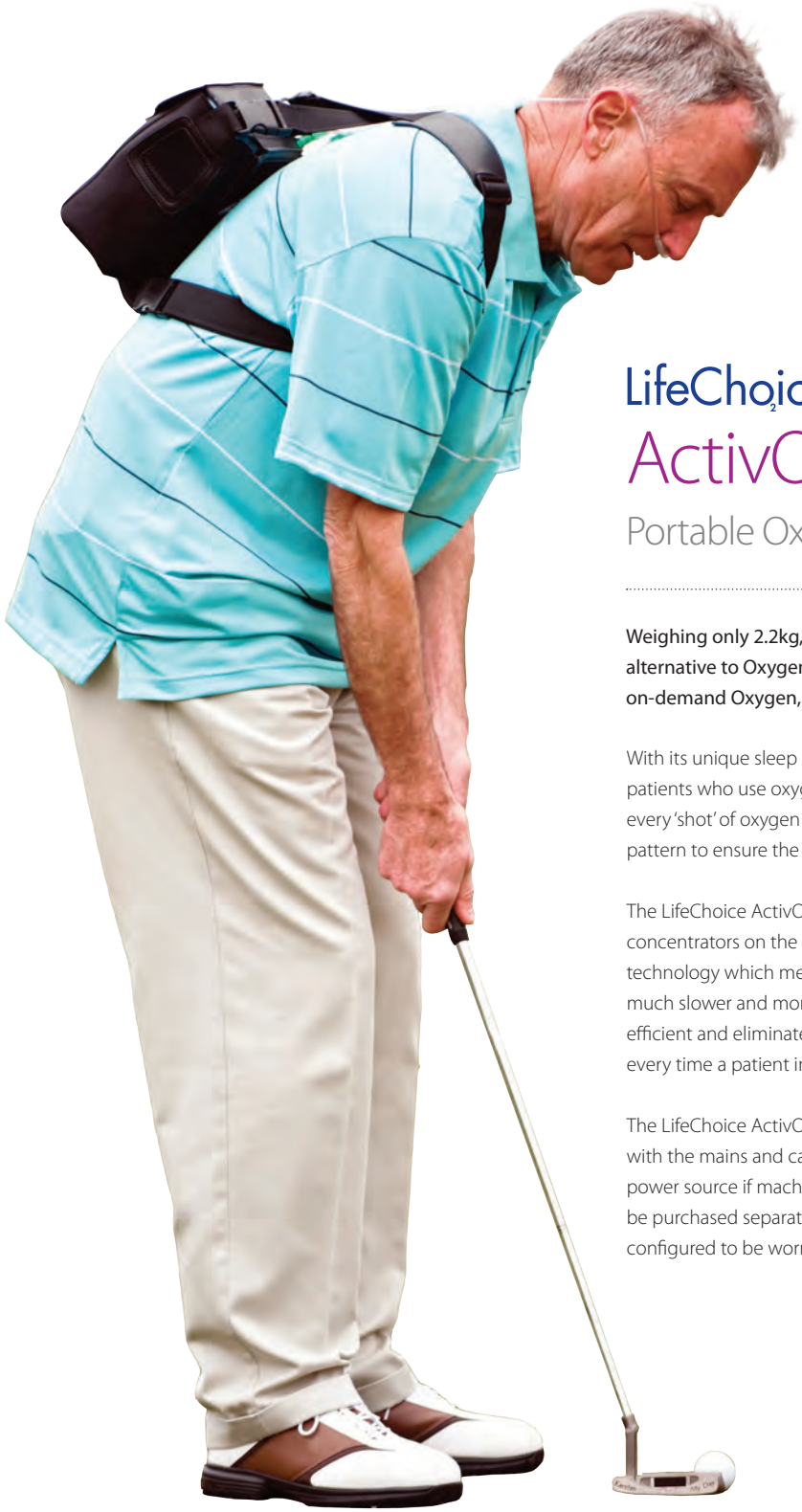
Daray L550M Patient Monitor

Code: 1932000

Includes: 5 lead ECG cable (6pin), NiBP cuff (adult), NiBP extension hose, Simulative SpO2 probe (5pin, adult), Internal temperature sensor, Surface temperature sensor, power supply cable, ECG electrodes x 10, Nose tube, Ground cable, Recorder paper, Operation manual

Accessories & Consumables

An array of various sensors and add-ons are available for the Daray L550M Patient Monitor. Please refer to pricelist for exact list of accessories.



LifeChoice® ActivOx

Portable Oxygen Concentrator

Weighing only 2.2kg, The ActivOx from Inova Labs is the perfect alternative to Oxygen Cylinders. Providing up to 3 litres per minute of on-demand Oxygen, it's battery operation time can last up to 15 hours.

With its unique sleep mode feature, the LifeChoice ActivOx opens up the doors to patients who use oxygen during sleep. The sleep mode is more sensitive to breath with every 'shot' of oxygen the patient inhales working in accordance with the breathing pattern to ensure the patient remains fully saturated.

The LifeChoice ActivOx delivers oxygen to the patient differently to most oxygen concentrators on the market today. The LifeChoice ActivOx uses PULSE-WAVE(tm) technology which means every time a patient breaths in, the 'shot' oxygen is delivered much slower and more in sync with the actual breath. The technology is proven to be efficient and eliminates unwanted attention from the hiss sound from the nasal cannula every time a patient inhales a shot of oxygen.

The LifeChoice ActivOx comes complete with a great range of accessories. Complete with the mains and car power chargers, the ActivOx will never be too far away from a power source if machine runs low on battery. Extra external batteries (not pictured) can be purchased separately to give additional operation time. The shoulder strap can be configured to be worn as a backpack, shoulder strap, waist pack or briefcase.

Ordering Information

LifeChoice ActivOx
Code: 1591000
Includes: ActivOx POC unit, protective bag with 3 way shoulder strap, power supply units, nasal cannula and instruction manual

LifeChoice ActivOx with Supplementary Battery
Code: 1591000PKG
As 1591000 with the addition of the external supplementary battery

Accessories & Consumables

Supplementary Battery	Code: 1591010
Nasal Cannula (2.1m)	Code: 960039S
AC Adaptor	Code: 1591020
DC Adaptor	Code: 1591021

AirSep

Portable Oxygen Concentrator Family

Airsep is a world leader in the manufacturer of Oxygen concentrators. From large domestic units to hand-sized devices, the AirSep Portable Oxygen Concentrator range is a very popular choice amongst Oxygen patients.

Its reliability, durability and overall high performance are the key factors as to why so many patients, hospitals, respiratory nurses and other health care professionals choose AirSep. The Focus and Freestyle concentrators really live up to their names with it being ultra-lightweight and easy to carry, bringing the focus on the patient in the design to enable to an independent lifestyle.

All three models are designed with the user in mind with a non-medical feel protected in a fashionable shoulder bag. The range caters for the majority of Oxygen patients from those who are newly prescribed to those who have a higher demand for supplementary Oxygen.

◄ AirSep FreeStyle 5

▼ AirSep FreeStyle

AirSep Focus ►

AirSep Focus

The Focus is the smallest of the three portable oxygen concentrators (centre model) in the AirSep Family and is the smallest medical oxygen device in the world. Boasting a weight of just 0.8kg (1.5lbs), the Focus can provide 2 litres of on-demand supplementary Oxygen and is a favourite amongst patients who wish to lead a more independent lifestyle without the need of cumbersome cylinders. The Focus comes complete with two "micro-batteries" each the size and weight of a small mobile phone lasting approximately 3 hours combined. Additional batteries can be purchased separately to enhance operation time as well as the ability to run it off a vehicles 12v DC power supply when travelling.

This model is approved for air travel with most airlines.

AirSep FreeStyle

The AirSep FreeStyle is a 3 litre, on-demand portable oxygen concentrator (top right model) and has over the years pioneered its way in defining portable oxygen therapy. Trusted by thousands of patients across the UK, the FreeStyle was designed to cater for the needs of most Oxygen patients. Its extensive battery life and weight are some of the attractive features that the FreeStyle offers. With up to around 10 hours of battery operation time (with battery belt), the FreeStyle is a lifestyle changing device with a weight of only 2.2kg (4.5lbs). A backpack accessory is also available separately should weight be an issue. The FreeStyle is a highly reliable machine and a very popular choice for patients receiving long term Oxygen therapy.

This model is approved for air travel with most airlines.

AirSep FreeStyle 5

The FreeStyle 5 (top left model) is a larger version of the FreeStyle with the ability to offer a further two additional Oxygen flow settings for the more demanding of Oxygen patients. Built to the same standard as the trusted FreeStyle, the Free-Style 5 offers Oxygen patients a machine perfect for long term therapy with greater flexibility in situations where patients needs increase. Evidently larger than both the Focus and FreeStyle, the FreeStyle 5 is one of the lightest and smallest in its category. Where weight may become an issue, the back-pack accessory will help spread the weight across both shoulders whilst making it overly easier to carry.

This model is approved for air travel with most airlines.

Ordering Information

AirSep Focus
Code: 117000
Includes: Focus unit, protective bag with shoulder strap, 2 x micro batteries, power supply units, accessory bag and nasal cannula

AirSep FreeStyle
Code: 112000
Includes: FreeStyle unit, protective bag with shoulder strap, accessory bag, power supply units, nasal cannula. Battery belt package also available

AirSep FreeStyle 5
Code: 112050
Includes: FreeStyle unit, protective bag with shoulder strap, accessory bag, power supply units, and nasal cannula. Battery belt package also available

Inogen

Portable Oxygen Concentrator Family

The Inogen range is highly popular amongst Oxygen patients for it's durability, it's sleek design and low noise operation. The InogenOne G2 and the G3 models come complete with an easy to use interface with illuminated LCD display.

Designed for round the clock the use, the Inogen range caters for the majority of Oxygen patients with the G2 providing up to 5 litres and the latest model, the G3, providing up to 4 litres of on-demand Oxygen.

Both the G2 and G3 operate noticeably quieter than other leading models which is one of the main reasons Oxygen patients opt for an Inogen. Besides a great battery life and low weight on both models, the emphasis is on the fashionable, non-medical design to encourage and inspire confidence for the user to lead an independent lifestyle without the fear of attracting too much attention. Both models are great travel companions as well for general usage. They are both air travel approved by most airlines.

InogenOne G2

The InogenOne G2 is the quietest in the entire range of Portable Oxygen Concentrators. Providing up to 5 litres per minute of on-demand Oxygen, the InogenOne G2 is ideal for most Oxygen patients who need the flexibility should the demand for Oxygen increase. It's single or dual battery option means that the G2 can operate on a single charge for up to 8 hours. The control panel is very easy to use with an illuminated Liquid Crystal Display (LCD). Unlike other models, the Concentrator cleverly calculates the remaining battery time rather than providing a percentage. Comes complete in protective bag and trolley should the user prefer not to carry the machine.

InogenOne G3

The InogenOne G3 is the latest development from Inogen released in 2011. The G3 is a lighter and a more compact alternative to the G2 offering up to 4 litres of on-demand Oxygen. With up to 8 hours operation (Double Cell Battery) the G3 has an easy to use control panel with illuminated Liquid Crystal Display (LCD). What sets this machine aside from the G2 is the ability to self-service the molecular sieve beds which is the core component that separates Nitrogen from air. Normally these can only be accessed by service engineers by opening the machine. The G3 allows for the molecular sieves to be unclipped and replaced in an instant.

Ordering Information

InogenOne G2
Code: 942000 / 942001*
Includes: Inogen Unit, 12 or 24* cell battery, protective bag with should strap, power supply units & nasal cannula

InogenOne G3
Code: 943000 / 943001*
Includes: Inogen Unit, single or double* cell battery, protective bag with should strap, power supply units, nasal cannula

Accessories & Consumables

Nasal Cannula (2.1m)	Code: 960039S
AC Power Supply for G2/G3	Code: 941009

Refer to pricelist for full list of accessories

SeQual Eclipse 5

Portable Oxygen Concentrator

The all-in-one solution that provides continuous flow as well as on-demand oxygen. Ideal for sleep apnea patients.

Standing at just 49cm tall, the SeQual Eclipse 3 is one the most technologically advanced oxygen concentrator system in the world today. The onboard control panel is feature rich, yet easy to use offering both continuous flow and pulse dosing options, great for during the day and whilst sleeping at night.

The Eclipse 5 comes with a "fine-tuning option" attenuating the speed of which oxygen is delivered on pulse dose in accordance to the patient's respiratory requirements. Coupled with this is the Eclipse's autoSAT technology; a pulse delivery system which maintains a consistent pulse dose volume for every breath as the patient's respiratory rate changes.

AirSep

Domestic Oxygen Concentrators

These continuous flow Oxygen concentrators are widely used within the NHS, throughout the UK and around the globe for their durability & reliability.

InTENsity 10

Conventional 10 litre oxygen concentrator. Available in single or dual flow. NewLife Intensity 10 combines high pressure with high flow to create the premium 10 LPM oxygen concentrator. It is uniquely designed to meet oxygen patients' high flow needs while providing the essential outlet pressure to drive special respiratory accessories, including large-volume jet nebulisers, venti-masks, and medication nebulisers.

VisionAire

VisionAire is our lightest, quietest & smallest domestic oxygen concentrator in our range. At just 30 lbs. (13.6 kg), this lightweight, 5 LPM compact oxygen machine is the most economical and power-efficient choice for in-home oxygen. With attractive, contemporary styling, a primary feature of this home concentrator is it's near-silent operation. VisionAire appeals to the most sound sensitive patients who value their quiet time at home.

Ordering Information

SeQual Eclipse 5
Code: 400300
Includes: Eclipse 5 unit, battery, cart, power supply units & nasal cannula.

AirSep InTENsity 10
Code: 115000
Includes: InTENsity unit, nasal cannula & instruction manual

AirSep VisionAire
Code: 114000
Includes: VisionAire unit, nasal cannula & instruction manual

35

Sleep Studies & Therapy

Specialists in innovative solutions for sleep diagnostics and treatment of obstructive sleep apnoea. From small sleep labs and private clinics to large hospital sleep centres.

Medibyte Sleep Recording System	37
Bluenight Sleep Oximetry Software	39
CPAP Masks	40

Medibyte

Sleep diagnostics system

To produce the most reliable results, the patent pending MediByte meets and exceeds guidelines for home evaluation of snoring and sleep apnoea. Rock-solid components, cutting-edge technology and innovative products combine to deliver a home sleep testing solution like no other.

Small & lightweight

One of the world's smallest level 3, 12 channel Semi-PSG recorder packs the quality of a sleep laboratory in the palm of your hand.

Highly Accurate

Records 12 channels with sensors that records oximetry, chest & abdomen effort, sound and more (see page 38 for full specification)

User friendly

Easy for the patient to set-up and wear. Completely wearable with no extra boxes, completely non-invasive, assuring a very high user's concordance

What comes in the box...

- Medibyte recorder
- 2 x Braebon RIP Respiratory effort belts
- 6 x Patient kit with electrodes
- 1 x Snore sensor (Microphone)
- 1 x Flow sensor thermistor
- Leadwire yoke adaptor
- EKG eliminator
- 60cm and 150cm lead wire kit
- SPo2 silicone finger probe with 1.2m cable
- Pursuit Sleep software on CD
- Medibyte communication cable
- Patient guide to Medibyte
- User manual
- Allen key

Supplied in a heavy duty, anti-shock carry case

Ordering Information

Medibyte Sleep Diagnostic Screener

Code: 892049-RIP

Includes: *See above under "what comes in the box..."*

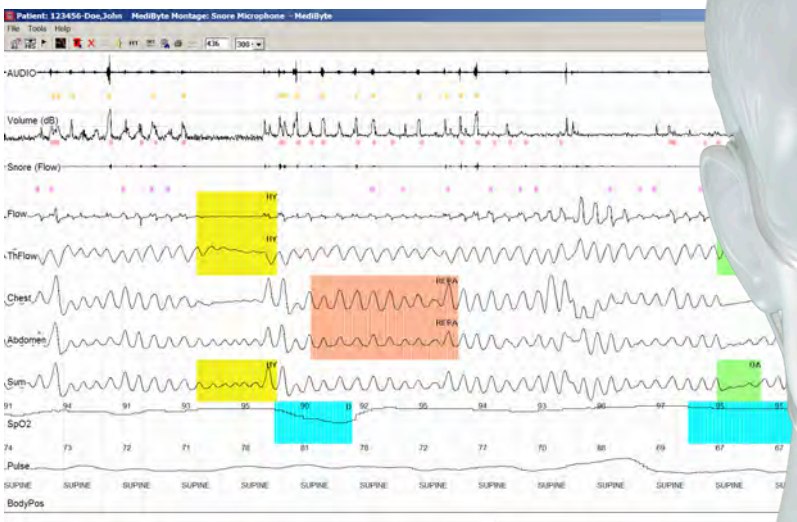
NHS SBS

Accessories & Consumables

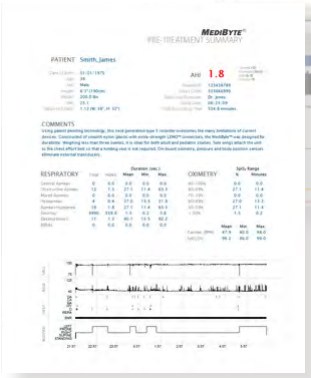
SpO2 Cable	Code: 892055
SpO2 Silicone Finger probe (M)	Code: 892061
Patient Kits (box/25)	Code: 892050

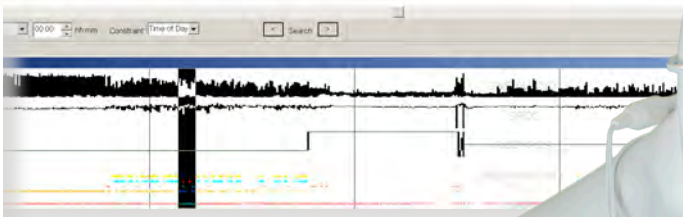
Full list of accessories, refer to pricelist

Screenshot of Medibyte Software ▶



Example report print out ▼





Comprehensive Reporting Software

Simply connect the MediByte to the PC using the USB cable provided. The software will detect, download and analyse the study with a few clicks of a button. The Medibyte is capable of recording 12 channels simultaneously:

- Oximetry
- Heart Rate (Pulse)
- Flow (pressure transducer) Nasal and Oral
- Snore (derived from pressure)
- cTherm (airflow thermistor)
- RIP Chest Effort (Respiratory Inductance Plethysmography)
- RIP Abdomen Effort
- SUM (derived from RIP) for detecting paradoxal breathing
- Internal Body Position Sensor
- Aux User Channel (Audio)
- Sound dB Level (derived from Audio)
- Event Marker

Bluenight

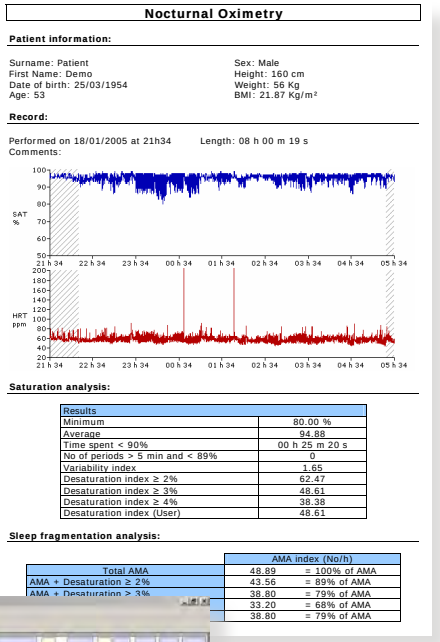
Sleep Oximetry Software

Bluenight® Reader software acquires and processes raw oximetry data from a memory Pulse Oximetry device to produce comprehensive analysis and reports.

The Bluenight software is an all-in-one pulse oximetry analysis tool that is able to take raw oximetry data and render comprehensive, easy to read reports. The software is capable of managing Overnight oximetry, 6 minutes walk test and cardiopulmonary exercise training. It can be licensed for all three medical examinations or individually.

Bluenight Software can be used solely to analyse overnight oximetry. Results are downloaded from the Oximeter via USB cable. The software automatically analyses the blood oxygen fluctuations and autonomic micro-arousals (AMA). If sleep fragmentation is correlated with respiratory events it can be seen instantly on-screen. In manual mode, you can revise events or exclude a period from the analysis.

The report can be fully configured and can be exported in DOC or PDF format which can easily be attached to the patient record system.



Nocturnal Oximetry

Patient information:

Surname: Patient
First Name: Demo
Date of birth: 25/03/1954
Age: 53

Sex: Male
Height: 160 cm
Weight: 56 Kg
BMI: 21.87 Kg/m²

Record:

Performed on 18/01/2005 at 21h34 Length: 08 h 00 m 19 s
Comments:

Saturation analysis:

Results	
Minimum	80.00 %
Average	94.88
Time spent < 90%	00 h 25 m 20 s
No of periods > 5 min and < 89%	0
Variability index	1.65
Desaturation index ≥ 2%	62.47
Desaturation index ≥ 3%	48.61
Desaturation index ≥ 4%	38.38
Desaturation index (User)	48.61

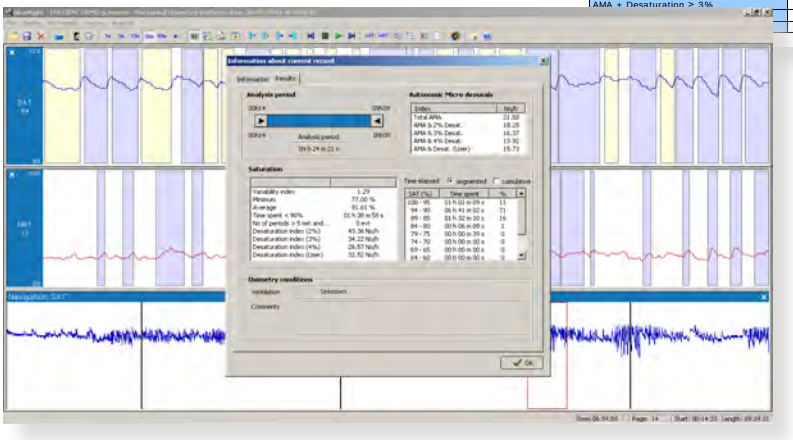
Sleep fragmentation analysis:

	AMA index (No/h)	
Total AMA	48.89	= 100% of AMA
AMA + Desaturation ≥ 2%	43.56	= 89% of AMA
AMA + Desaturation ≥ 3%	38.80	= 79% of AMA
	33.20	= 68% of AMA
	38.80	= 79% of AMA

▲ Example report print out

Features

- **Easy to use:** Generation of the report in 3 clicks
- **Progressive:** Easy revision and customization of the report before printing in DOC or PDF format.
- **Efficient:** The database enables the management of your patient files and the creation of follow-up reports for 6 minutes walk test and exercise training.



◀ Software Screenshot

Versatility

The Bluenight Reader Software is recommended for use with the Nonin WristOx2 3150. The software will also work the following Pulse Oximeters:

- Nonin (2500, 3100, 3150, 4100, 9560)
- Masimo (Rad5,Rad8)
- Minolta (300i).

Ordering Information

Bluenight Sleep Screener Software

Code: 99/BN/OX

Includes: Bluenight sleep screener software for PC, Nonin WristOx2 Pulse Oximeter & instruction manual

NHS SBS

Full Face

CPAP Mask

Our full face masks are lightweight, soft, and very comfortable.

The mask is easy to clean, odorless, and totally airtight. The swivel connectors provide ease in assembly and freedom for movement during sleep.

- Available in Small, Medium and Large sizes
- Available for purchase on NHS Supply Chain and NHS Shared Business Services

Nasal

CPAP Mask

Our nasal CPAP masks are lightweight, soft, and very comfortable.

The mask is easy to clean, odorless, and totally airtight. The swivel connectors provide ease in assembly and freedom for movement during sleep.

- Available in Small, Medium and Large sizes
- Available for purchase on NHS Supply Chain

Ordering Information

Full Face CPAP Mask

Small	Code: 1290000	NHS SC FAG861	NHS SBS
Medium	Code: 1290001	NHS SC FAG862	NHS SBS
Large	Code: 1290002	NHS SC FAG863	NHS SBS

Nasal CPAP Mask

Small	Code: 1290003	NHS SC FAG864
Medium	Code: 1290004	NHS SC FAG865
Large	Code: 1290005	NHS SC FAG866

41

Cardiology & Blood Pressure

The finest range of ECG's, event recorders and professional blood pressure monitors from leading brands including seca, Omron and Microlife.

We also stock ECG chart paper and other consumables for a wide range of ECG models.

Desktop ECG	43
PC ECG Systems	45
Portable ECG & Event Recorders	47
ECG Chart Paper & Electrodes	48
24 Hour Ambulatory BPM	49
ABI / AFIB Blood Pressure Monitors	51

CT3000i

Interpretive Desktop ECG

- 12 lead, 3 Channel ECG with high quality interpretive programme
- Auto-start button automatically produces the ECG traces complete with Rhythm Strip, Measurements and Interpretation.
- Filters for baseline, electrical and muscle tremor interference, providing clear traces.
- Lead off warning and identification.
- Useful copy button for extra ECG traces.
- 12 simultaneously acquired ECG traces printed on 90 mm paper, eliminates trace overlap.
- Paper tray accommodates z-fold or roll paper
- Manual button provides real time print-outs.
- Mains and battery operation.
- Battery recharges automatically and when fully charged provides 4 hours of continuous operation.

CT6i

Interpretive Desktop ECG

- 6 Channel ECG with high quality interpretive programme.
- Choice of up to 12 leads per page or the popular 4 x 3 leads plus Rhythm Strip, Intervals and Interpretation on one A4 page.
- Auto-start one touch operation or manual real time.
- Large A4 paper tray providing up to 240 ECG pages.
- Mains and battery operation with automatic recharge.
- Fully charged battery will provide up to 400 ECGs.
- 2 lead simultaneous acquisition with lead off warning and identification.
- Interference filters for baseline drift, electrical interference and muscle tremor.
- Copy button for extra traces.

Ordering Information

Seca CT3000i ECG
Code: 1103000
Includes: mains cable, patient cable, pack of z-fold paper, 500 disposable electrodes and alligator clips.

Seca CT6i ECG
Code: 1103004
Includes: mains cable, patient cable, pack of z-fold paper, 500 disposable electrodes and alligator clips.

Accessories & Consumables
Q-trace electrodes (500) Code: 1104004

For our full range of ECG accessories visit www.intermedicaldirect.co.uk or see pricelist

CT8000i

Interpretive Desktop ECG

- Paperless ECG option – download and electronically store ECG traces inside individual patients' records.
- Compatible with leading EMR systems, emis, SystmOne, vision, isoft and others.
- Stand alone use and PC connectivity for paperless ECG options.
- 12 lead, 3 Channel high quality interpretive ECG with LCD screen and alpha-numeric keyboard.
- Choice of both internal and external print formats, including automatic rhythm strip.
- One touch automatic or instant real time operation.
- Internal memory for up to 45 stored ECG records.
- High quality adult and paediatric interpretive software.
- Digital filters for mains, base line and muscle tremor.
- Easy-to-use one-touch button operation.
- Additional advanced filters (SSF and SBS) for clear traces. Dedicated soft keys for ease of storing, printing and transmitting.
- Integral port to connect to a standard DeskJet or Laser printer for an A4 print out.
- Optional communication module (built-in Lan & modem connections).
- Mains/rechargeable battery operation.
- Secure and portable within the seca hard carry case option

CT8000P

Interpretive Desktop ECG

- Equipped to provide paperless ECG options when combined with seca Passport ECG Software – compatible with leading EMR systems, emis, SystmOne, vision, isoft and others.
- 12 lead high quality interpretive ECG with LCD screen and alpha-numeric keyboard.
- High quality adult and paediatric interpretive software.
- Easy selection of traces from 12 x 1, 6 x 2 or the popular 4 x 3 plus Rhythm Strip one page report.
- On-screen 12 lead preview and lead-off indication.
- One touch automatic or instant real time operation.
- High quality digital filters for clear traces (mains, base line and muscle tremor).
- Internal memory for up to 45 stored ECG records.
- All parameters including filters are easily programmed through the on screen menu for a one touch ECG.
- SVGA output for external colour monitor connenction.
- Dedicated one touch keys for storing, printing and transmitting
- Upgradable Thrombolysis Indication, please enquire for full details.
- Optional communication module (built-in Lan and modem connections).
- Mains/rechargeable battery operation.
- Supplied complete with mains cable, patient cable, pack of z-fold paper, 500 disposable electrodes and alligator clips
- Chargeable battery operation.
- Secure and portable within the seca hard carry case option

Ordering Information

Seca CT8000i ECG
Code: 1103001
Includes: mains cable, patient cable, pack of z-fold paper, 500 disposable electrodes and alligator clips.

Seca CT8000p ECG
Code: 1103002
Includes: mains cable, patient cable, pack of z-fold paper, 500 disposable electrodes and alligator clips.

Accessories & Consumables
Q-trace electrodes (500) Code: 1104004

For our full range of ECG accessories visit www.intermedicaldirect.co.uk or see pricelist

CTCardioPad

Touchscreen ECG

10.4" high resolution touch screen display with high volume internal memory, the Seca CardioPad is an easy to use portable ECG solution.

- Revolutionary new ECG with full touch screen technology.
- Simply touch the large 10.4" high resolution colour display to record, select and print the highest quality ECG's faster than you can imagine.
- Advanced processing, Instant start-up provides immediate availability – ECG processed, interpreted and printed in less than 3 seconds – ideal for a busy clinic/emergency use.
- Lightweight and portable, together with the high capacity battery, allows easy transport of the seca CTCardioPad.
- The screen is able to clearly display all 12 leads at the same time.
- High quality built-in thermal printer.
- Enter patient data quickly and accurately: type on touchscreen or scan the bar code (optional). Download patient data and orders from a worklist via HIS.
- Get complete clinical information with the interpretation software.
- Capture and store 5 minutes of uninterrupted 12 lead data to document intermittent arrhythmias.
- High volume internal memory – storage of up to 350 ECG's.
- Stored ECG's can be exported to EMR/HIS on a variety of formats: XML, PDF, DICOM. Compatible with emis, SystmOne, vision isoft and others.
- Wide selection of communication ports such as LAN, USB serial, Wireless LAN (optional), SIM slot for GSM network data transmission (optional).
- Offers safe wireless connectivity via standard WLAN protocols.
- seca CTCardioPad can be configured to automatically print, save, transfer and retrieve a previous ECG – at the touch of a button.
- First high end ECG to support DICOM standard.
- Support for HL7 worklists.

Ordering Information

Seca CTCardioPad touchscreen ECG with Software

Code: 1103005

Includes: mains cable, patient cable, pack of z-fold paper, 500 disposable electrodes and alligator clips.

Accessories & Consumables

Q-trace electrodes (500) Code: 1104004

For our full range of ECG accessories visit www.intermedicaldirect.co.uk or see pricelist

CT320 / 321

PC ECG with Software

Innovative PC based ECG technology

The Seca CT320 and CT321 utilises the Seca Cardio Software by transmitting data by USB or wireless Bluetooth connection. The Seca Cardio Software provides the clinician with a comprehensive analysis with all twelve leads monitoring at a high sample rate up to 4000Hz. Advanced features of the software includes filters for baseline, electrical interference, anti-drift and muscle tremor interference, providing clear traces. The software also offers great functionality including single beat analysis, cumulative complexes, measurement table / interpretation / worklist of ECG reports automatically generated once recorded offering improved work process / single patient database viewed throughout practice network.

All electrodes are highlighted in the software with automatic quality indication to ensure the perfect ECG. There are no license fees for the software.

Bluetooth or USB connectivity

The Seca CT320 uses a direct connection into a PC via USB whilst the CT321 transmits data wirelessly by Bluetooth allowing greater flexibility in large clinic rooms. Although the specification is the same on both models, the USB connection on the CT320 acts as the power source where the CT321 utilises rechargeable Li-Ion batteries to power the unit and comes complete with charger as standard. Both models come complete with patient cable, alligator clips, 500 disposable electrodes and seca cardio software (no license fees).

Compatible with all leading EMR systems

The Seca Cardio Software is compatible for use with emis, SystmOne, vision, isoft and other major patient management systems. Seca cardio software automatically exports a pdf ECG file to a destination of your choice – enabling ease of attachment to the patient record or for e-mailing to specialist ECG centres and use in tele-health applications.

Ordering Information

Seca CT320 USB ECG
Code: 1103007
Includes: USB connection cable, patient cable, alligator clips, 500 disposable electrodes, seca cardio software (no license fees)

Seca CT321 Bluetooth ECG
Code: 1103006
Includes: Patient cable, alligator clips, 500 disposable electrodes, seca cardio software (no license fees), Bluetooth dongle, 2 rechargeable Li-Ion batteries and battery charger.

Accessories & Consumables
Q-trace electrodes (500) Code: 1104004

For our full range of ECG accessories visit www.intermedicaldirect.co.uk or see pricelist

HeartScan

Portable ECG

HeartScan is a portable ECG recorder that fits into the palm of your hand. The unique features of the single channel HeartScan ECG Monitor make this a versatile multi-purpose tool for medical professionals.

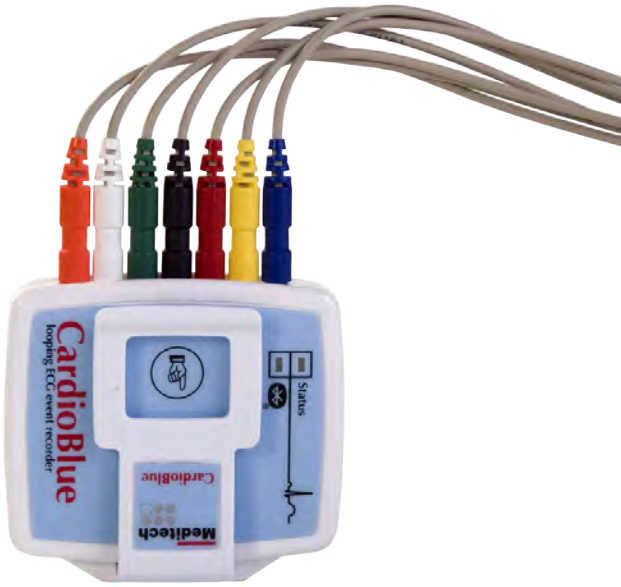
The cordless operation and direct on screen display allows a quick scan of the heart condition. The ECG analysis provides information on heart rate, rhythm and the ECG waveform.

The single lead recording runs for 30 seconds and includes a multilevel display of deviations from the norm as well as the date and time of the recording, the heart rate and the short cut analysis.

- ECG analysis provides heart rate, rhythm and the ECG waveform
- 30 seconds measurement
- Direct review of results on high resolution screen with backlight
- Cordless (no need to wear electrodes, no difficulties with cables)
- Very user-friendly, PC download through SD memory for 300, date and time stamped, measurements
- Includes internal analysis software (13 analysis codes) to show the results directly to the user

CardioBlue

Event Recorder



The Meditech CardioBlue is a Bluetooth enabled looping pre and post ECG event recorders weighing only 50g and with a memory of up to 60 minutes recording time. It is patient activated monitor that when the event button is pushed it records ECG both preceding and following the button push. It features automatic beat by beat analysis and report generation. Ideal for screening arrhythmia in Primary Care.

- Compact size and weighs only 50g
- Up to 60 minutes recording time
- In post event mode, operation can last several days
- Electrode check function to ensure quality of results
- Transmit results by wireless Bluetooth (CardioBlue) into the CardioVisions software
- Supplied with software, ECG patient leads, electrodes, USB Bluetooth dongle and carry clip.

Ordering Information

Omron HeartScan
Code: 032001 / 032002*
Includes: 2x AA Batteries, SD memory card, Storage pouch, Instruction manual.
*PC Software package additional cost

Meditech CardioBlue
Code: 1710001
Includes: CardioBlue unit, patient leads, electrodes, Bluetooth dongle for PC and carry clip

Accessories & Consumables
Eurotrode Pregelled Electrodes Code: 081071

ECG Chart Paper & Electrodes

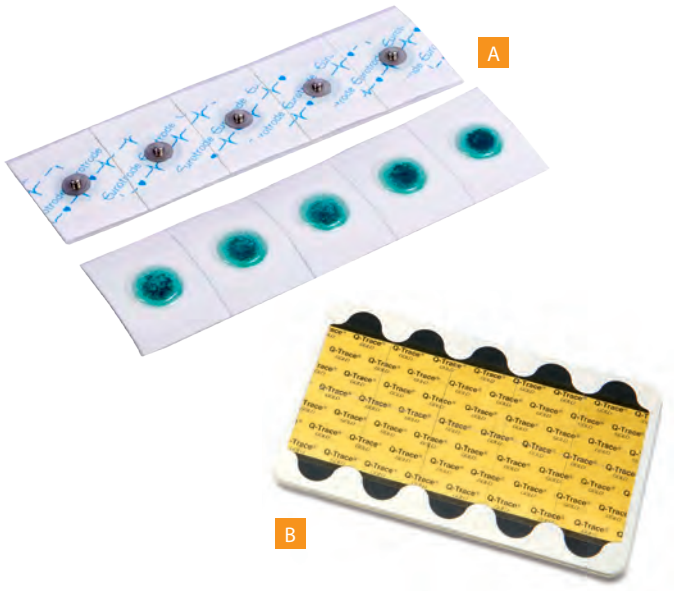
A comprehensive range of high quality chart paper available for most major ECG manufacturers at competitive prices.

Including:

- Welch Allyn
- Cardioline
- Seca
- Nihon Kohden
- GE and many more...

Call 01732 522444 for a full list of ECG chart paper and pricing or visit www.intermedicaldirect.co.uk

Bulk buy discounts available



A | Eurotrode pregelled electrodes

Rectangular 44x42mm Pregelled electrodes with 10mm press stud connection. Sold as packs of 60 — Code: 081071

B | Q-Trace electrodes

Disposable resting ECG electrodes with silver/silver chloride contact Sold as box of 500 or packs of 100 — Code: 1104004

Call 01732 522444
or visit www.intermedicaldirect.co.uk for our full list of ECG chart paper, electrodes and accessories available at competitive prices.

Bulk buy discounts available

WatchBP®
2-3cm
2-3cm
LEFT
RIGHT
22-32 cm
8.7-12.6 inches
M size

WatchBP O3 AFIB

24 Hour Ambulatory & AFIB BPM

Affordable ABPM and strictly guideline-based SBPM for accurate out-of-office blood pressure measurement.

Out-of-office measurements are highly recommended as an adjunct to office measurements by almost all hypertension organisations. The WatchBP O3 removes many obstacles generally associated with out-of-office measurements.

In addition to providing a highly affordable ambulatory blood pressure measurement device (ABPM), the WatchBP O3 also includes an embedded 7-day home measurement mode that strictly follows ESH and AHA measurement guidelines. As such, the WatchBP O3 serves as a total out-of-office blood pressure measurement device, validated and recommended for clinical, home and 24-hour blood pressure monitoring.

Screens for AFIB

The AFIB algorithm of Microlife has been clinically investigated by several prominent clinical investigators and showed that the device detects patients with AFIB at 97-100% certainty and 89% Specificity while measuring blood pressure.

Features

- Extremely affordable hybrid device for achieving accurate out-of-office blood pressure measurement
- 24-Hour ABPM Mode - Fully programmable 24-hour blood pressure measurement.
- 7-Day SBPM Mode - for collecting reliable self-measurement data.
- Lightweight and Compact - For improved patient comfort.
- PC Connectivity - Transmit BP measurement data to any PC via USB connectivity.
- 5-year fault replacement warranty
- As per N.I.C.E guidelines
- Software is free of charge

Ordering Information

Microlife WatchBP O3 ABPM & AFIB

Code: 1580000W

Includes: WatchBP O3 monitor, medium cuff, batteries and instruction manual

Accessories & Consumables

WatchBP O3 Cuff, Small	Code: 1580011
WatchBP O3 Cuff, Medium	Code: 1580012
WatchBP O3 Cuff, Large	Code: 1580013

WatchBP Home A

AFIB Blood Pressure Monitor

The WatchBP Home A is a cost-effective professional Blood Pressure Monitor that screens for Atrial Fibrillation (AFIB). Officially recommended by N.I.C.E

The WatchBP Home A is a WatchBP Home device equipped with an Atrial Fibrillation detection system. When you are diagnosed with hypertensive and/or having Atrial Fibrillation the WatchBP Home A(fib) is the best tool to optimise your treatment. When you have Atrial Fibrillation a physician can decide to prescribe you anti-arrhythmic drugs. These drugs should stop the Atrial Fibrillation. With the WatchBP home A you can easily verify the working of these drugs, while at the same time monitoring your blood pressure.

- Validated for use in Pregnancy - Preeclampsia
- Validated large-extra large cuff (optional extra)
- Screening for AFIB with high accuracy (at 97%~100% sensitivity and 89% specificity) while measuring blood pressure. Easy and convenient to use.
- Embedded ESH/AHA measurement guidelines lead to accurate home measurement data physicians can trust.
- Automated data tabulation displays averages for morning, evening and overall measurement.
- The monitor of choice for the early detection of possible stroke officially recommended by N.I.C.E (***http://guidance.nice.org.uk/MT/145***)

The WatchBP Home A is recommended for the detection of Atrial Fibrillation by N.I.C.E

"The independent Medical Technologies Advisory Committee (MTAC) along with NICE has produced draft guidance supporting the use of Watch BP Home A, based on the evidence it considered. This evidence indicates that the device can offer advantages in measuring blood pressure and detecting atrial fibrillation and that using the device in primary care could increase the detection rate of atrial fibrillation compared with taking the pulse by hand. This would allow preventative treatment to be given to reduce the incidence of atrial fibrillation-related stroke. Using WatchBP Home A is associated with estimated overall cost savings per person screened of between £2.98 and £4.26 for people aged 65 or over, depending on their age. As well as cost savings Fatal Strokes that could be prevented per 100,000 screened could be as many as 182, in age groups 65 years & 75 years were 53 –117 (average 85) and Non Fatal Strokes prevented per 100,000 screened in age groups 65 years & 75 were 28 – 65 (average 47)."

Guidelines published Jan 2013
http://guidance.nice.org.uk/MT/145

Ordering Information

WatchBP Home A Blood Pressure Monitor

Code: 1581006
Includes: WatchBP Home A monitor, medium cuff, batteries and instruction manual

Accessories & Consumables

WatchBP Home A Cuff, Small	Code: 1581030
WatchBP Home A Cuff, Medium	Code: 1581031
WatchBP Home A Cuff, Large	Code: 1581032

WatchBP Office Basic

Blood Pressure Monitor

High quality and easy blood pressure monitor for doctors' office with built-in Atrial Fibrillation detector.

One touch for measuring blood pressure and screening for Atrial Fibrillation at the same time, two major controllable risk factors for stroke. Easy, reliable and affordable automated blood pressure monitor for the doctors' office. Semi-automated Auscultatory mode for example use in elderly and obese patients and those with arrhythmia.

WatchBP Office AFIB

Professional Blood Pressure Monitor

Dual-cuff blood pressure (BP) measurement and atrial fibrillation (AFIB) detection with built-in auscultatory measurement function.

The WatchBP Office AFIB screens for Atrial Fibrillation (AFIB) with high accuracy at 97% - 100% sensitivity and 89% Specificity while measuring blood pressure. It is so easy to use and convenient and comes complete with 5 year warranty. The Office AFIB is an Ideal tool for population screening and diagnosis for stroke and heart disease. Data can be stored on the Office AFIB and downloaded via USB cable connection to a PC using the free WatchBP Analyzer software.

- Simultaneous double-arm measurements and screening for AFIB at the same time without extra efforts.
- Ideal tool for population screening and diagnosis for stroke and heart disease.
- Displays mean arterial pressure (MAP) and pulse pressure (PP).
- Measured values are provided separately and as the average.

Ordering Information

WatchBP Office Basic
Code: 1581007
Includes: WatchBP Office Basic monitor, medium cuff, batteries and instruction manual

WatchBP Office AFIB
Code: 1581001
Includes: WatchBP Office AFIB monitor, medium cuff, ankle cuff, batteries and instruction manual

Accessories & Consumables

WatchBP Office Cuff, Small	Code: 1581010
WatchBP Office Cuff, Medium	Code: 1581011
WatchBP Office Cuff, Large	Code: 1581012
WatchBP Office ABI Ankle Cuff	Code: 1581009

Notes

Telephone.
01732 522444

Website.
intermedical.co.uk

More articles and information online.

Buy Online.
intermedicaldirect.co.uk

Select from a wide range of products online.

intermedical (UK) LIMITED

Unit 6 Mill Hall Business Estate | Aylesford | Kent | ME20 7JZ | United Kingdom
Tel: 0800 028 2194 Fax: 01732 872883 Email: sales@intermedical.co.uk

Registered in England & Wales. Company No.3456073
VAT Number: GB707272150

www.intermedical.co.uk

Copyright © Intermedical (UK) Limited 2014. All rights reserved.
Document 0268iss01